

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A gas-discharge lamp having a discharge vessel, two electrodes, a cap, an outer envelope, and a filling in the discharge vessel comprising a metal halide, wherein the outer envelope is partially coated with an optical compensating filter of a color complementary to the color of the metal halide.

2. (Previously Presented) The gas-discharge lamp as claimed in claim 1, wherein the compensating filter is applied in that region of the outer envelope that is the bottom region of the outer envelope when the lamp is fitted and operating.

3. (Previously Presented) The gas-discharge lamp as claimed in claim 1, wherein the compensating filter comprises an interference

filter.

4. (Previously Presented) The gas-discharge lamp as claimed in claim 1, wherein the compensating filter comprises an absorption filter.

5. (Previously Presented) The gas-discharge lamp as claimed in claim 1, further comprising an additional optical filter for color shifting purposes.

6. (Previously Presented) The gas-discharge lamp as claimed in claim 1, wherein the compensating filter is applied in that region of the outer envelope that, in a lamp which is fitted and operating, is adjacent that region of the discharge vessel in which the non-gaseous proportion of the metal halide is situated.

7. (Previously Presented) The gas-discharge lamp as claimed in claim 1, wherein the coating forming the compensating filter is applied by a dip process.

8.(Original) A lighting unit, particularly for vehicle headlights, having a gas-discharge lamp as claimed in claim 1.

9.(Previously Presented) The gas-discharge lamp of claim 1, wherein the optical compensating filter extends over a circumference of the outer envelope at an angular range of approximately 170°.

10.(Previously Presented) The gas-discharge lamp of claim 1, wherein the optical compensating filter is equally divided between two sides of the outer envelope separated by a longitudinal axis at a lower portion of the outer envelope in an operating position.

11.(Previously Presented) The gas-discharge lamp of claim 1, wherein the optical compensating filter compensate for yellowish light so that a light output has reduced yellowish coloration.

12.(Previously Presented) The gas-discharge lamp of claim 1, further comprising a condensate having a particular color formed in the discharge vessel, the optical compensating filter being

configured to compensate for the particular color so that a light output of the gas-discharge lamp has reduced coloration of the particular color.